

Attorney Docket No. 22564-0707

SEQUENCE LISTING

<110> Quantum Dot Corporation
The Government of the United States of America, as represented by the
Secretary, Department of Health and Human Services
Bittner, Michael
Wong, Edith Y.
Bruchez, Marcel P. Jr.

<120> OLIGONUCLEOTIDE-TAGGED SEMICONDUCTOR
NANOCRYSTALS FOR MICROARRAY AND FLUORESCENCE IN SITU
HYBRIDIZATION

<130> 22564-0707

<140> US 09/766,273

<141> 2001-01-18

<150> US 60/176,793

<151> 2000-01-18

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 70

<212> DNA

<213> Homo sapiens

<400> 1

ttgagcagtg ggctcactct gaagacotgc agtcctctct gcttaggggc gctaagtctg 60
tttcggtgaa 70

<210> 2

<211> 70

<212> DNA

<213> Homo sapiens

<400> 2

ccgcgcgcac aaacagaacc tggaggccat tctgcacagc ctgcccgaga actgtgcccag 60
ctggcagtga 70

<210> 3

<211> 70

<212> DNA

<213> Homo sapiens

<400> 3

gtccccagaa tttcagcttc agcttaactg acagatgtta aagctttctg gttagattgt 60
tttcacttgg 70

<210> 4

<211> 70

<212> DNA

<213> Homo sapiens

<400> 4

ccacctgtcc ctctctgggct gctggattgt ctcgttttcc tgccaaataa acaggatcag 60
cgctttaaaa 70

Attorney Docket No. 22564-0707

<210> 5
<211> 50
<212> DNA
<213> Homo sapiens

<400> 5
ttcaccgaaa cagcattagc gaccctaagc aggagggact gcaggtcttc

50

<210> 6
<211> 50
<212> DNA
<213> Homo sapiens

<400> 6
tcactgccag ctggcacagt tctcgggcag gctgtgcaga atggcctcca

50

<210> 7
<211> 50
<212> DNA
<213> Homo sapiens

<400> 7
ccaagtgaaa acaatctaac cagaaagctt taacatctgt cagttaagct

50

<210> 8
<211> 50
<212> DNA
<213> Homo sapiens

<400> 8
ttttaagcg ctgatcctgt ttatttggca ggaaaacgag acaatccagc

50

<210> 9
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Complement oligo with generic tag

<400> 9
ggcgtggcgg ggaaagcatt tcaccgaaac agcattagcg accctaagca ggagggactg
caggtcttc

60
69

<210> 10
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Complement oligo with generic tag

<400> 10
gggcggcgac cttttcaccg aaacagcatt agcgacccta agcaggaggg actgcaggtc
ttc

60
63

<210> 11
<211> 63
<212> DNA
<213> Artificial Sequence

Attorney Docket No. 22564-0707

<220>

<223> Complement oligo with generic tag

<400> 11

gggcggcgac ctttcaactgc cagctggcac agttctcggg caggctgtgc agaatggcct 60
cca 63

<210> 12

<211> 69

<212> DNA

<213> Artificial Sequence

<220>

<223> Complement oligo with generic tag

<400> 12

ggcgtggcgg ggaaagcatt cactgccagc tggcacagtt ctggggcagg ctgtgcagaa 60
tggcctcca 69

<210> 13

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligo for attachment to SCNCs

<400> 13

ctggaacaac actcacaagg tcgccgccc 29

<210> 14

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligo for attachment to SCNCs

<400> 14

ctggaacaac actcacaatg ctttccccgc caccgc 36

<210> 15

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Reverse transcription primer including
bacteriophage 186 cos site

<221> misc_feature

<222> (1)...(41)

<223> n = A,T,C or G

<400> 15

ggcgtggcgg ggaaagcatt tttttttttt ttttttttv n 41